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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF AGRICULTURAL ECONOMICS
WASHINGTON, D. C.

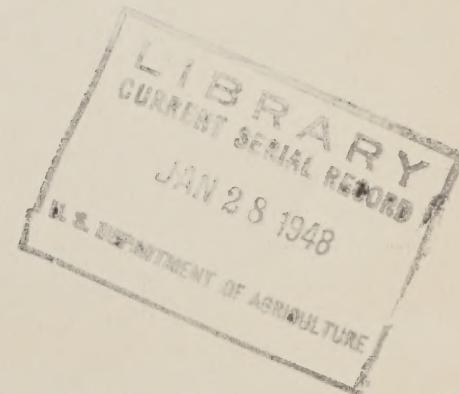
APPLE PRODUCTION BY VARIETIES

1945, 1946 AND 1947

JANUARY, 1948

Commercial apple production for 1947 is estimated at 112,503,000 bushels, 6 percent less than the 1946 crop and slightly less than average. Crops were about a fifth below average in the Eastern States; about average in the Central States and about a fifth above average in the West. In 1947 the 6 leading varieties in order of crop size were, Delicious, Winesap, McIntosh, Jonathan, Rome Beauty and Baldwin. Together these kinds comprised almost three-fifths of total commercial production with each variety having more than 5 million bushels. Although several hundred varieties of apples are grown in the country, the eighteen leaders included about nine-tenths of the Nation's commercial crop in 1947.

Each variety is classified as summer, fall or winter. Summer varieties are those harvested in the summer months and as a rule can be safely stored only a very short time. Fall varieties are classified as those harvested in late summer and early fall and have a relatively short storage period compared with winter apples. Winter apples are those harvested in the fall and which keep well in storage. The seasonal classification of certain varieties might vary in different sections of the country but in this report each variety is classified according to the season most representative of the country as a whole.



SUMMER VARIETIES: Summer apples turned out 7,373,000 bushels compared with 6,614,000 bushels in 1946. California Gravensteins in 1947 amounted to 4,104,000 bushels -- 53 percent more than last year and the largest crop since variety estimates were started with the 1942 crop.

FALL VARIETIES: Fall apples totaled 15,520,000 bushels in 1947 -- a decline of 12 percent from the large 1946 crop of 17,737,000 bushels. Jonathan, by far the most important fall apple and fourth among all varieties, had a crop of 8,407,000 bushels this year compared with 8,923,000 bushels last year. Grimes Golden production at 2,377,000 is 15 percent below 1946. Wealthy produced a crop of 2,180,000 bushels -- 27 percent less than the large 1946 crop.

WINTER VARIETIES: The 1947 commercial crop of winter apples is estimated at 89,610,000 bushels or 80 percent of all commercial apples. Winter apples in 1946 amounted to 95,059,000 bushels, also 80 percent of all varieties. Delicious is the most important U. S. apple variety and in 1947 amounted to 24,418,000 bushels -- more than a fifth of total commercial production and a little more than twice the production of Winesap, the next variety in importance. Of all Delicious apples Washington produced 17,912,000 bushels -- or 73 percent. In the East this year Delicious production was only about three-fifths of last year mainly because of a short crop in the Appalachian area. Winesaps are estimated at 11,868,000 bushels -- 9 percent less than last year. This variety is grown in nearly all commercial areas but is most important in Washington and Virginia. These two States usually produce about nine-tenths of the total. McIntosh is the third variety in crop size for the country and the largest in New England, New York and Montana. New England, New York and Michigan usually produce about nine-tenths of the total crop of McIntosh. This variety produced 9,596,000 bushels this year compared with 8,442,000 bushels last year. The crop was down sharply in the East, down slightly in the Central States, and up moderately in the West. The large crop of Baldwins this year -- 5,134,000 bushels -- was more than twice the 1946 crop. Production of this variety is negligible outside of the Northeastern and North Central States. Yellow Newtown (Albemarle Pippin) is estimated at 4,459,000 bushels -- 3 percent above 1946. This variety is important only in the three Pacific Coast States and Virginia. Production was less than last year in all of these States except California. York Imperial production turned out 4,046,000 bushels compared with 7,144,000 bushels in 1946. Most of this variety is grown in Pennsylvania, Virginia, West Virginia, and Maryland and the principal use is for canning. Stayman is estimated at 3,948,000 bushels -- 45 percent less than last year. This variety is widely grown but is most important in the Appalachian area where the apple crop was generally short this year.

UNITED STATES DEPARTMENT OF AGRICULTURE
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COMMERCIAL APPLE PRODUCTION FOR SELECTED STATES AND AREAS,
BY VARIETIES, 1945, 1946, AND 1947

VARIETIES	1945	1946	1947	1945	1946	1947						
	TOTAL 35 STATES			THOUSAND BUSHELS								
NEW ENGLAND												
<u>SUMMER VARIETIES:</u>												
Gravenstein	3,592	2,886	4,316	36	75	150						
Other Summer	1,719	3,728	3,057	39	112	146						
<u>FALL VARIETIES:</u>												
Grimes Golden	1,323	2,790	2,377	---	---	---						
Jonathan	4,875	8,923	8,407	---	---	---						
Wealthy	786	2,991	2,180	67	244	220						
Other Fall	1,676	3,033	2,556	13	55	68						
<u>WINTER VARIETIES:</u>												
Baldwin	913	2,414	5,134	286	678	1,449						
Ben Davis and Gano	679	2,328	2,252	7	50	46						
Black Twig (Paragon)	335	1,401	577	---	---	---						
Cortland	249	1,892	2,026	66	291	362						
Delicious	17,240	24,562	24,418	69	1,276	336						
Golden Delicious	1,960	3,015	3,042	6	31	31						
McIntosh	2,024	8,442	9,596	720	2,482	3,315						
Northern Spy	413	1,899	2,094	57	209	280						
R. I. Greening	217	2,327	2,437	28	76	130						
Rome Beauty	4,422	7,688	6,734	7	26	28						
Stayman	1,646	7,183	3,948	5	11	13						
Winesap	10,584	13,002	11,868	---	---	---						
Yellow Newtown 1/	4,770	4,320	4,459	---	---	---						
York Imperial	3,230	7,144	4,046	---	---	---						
Other Winter	4,143	7,442	6,979	62	271	317						
TOTAL ALL VARIETIES	66,796	119,410	112,503	1,468	4,887	6,891						
<u>NEW YORK</u>												
<u>NEW JERSEY</u>												
<u>SUMMER VARIETIES:</u>												
Gravenstein	---	---	---	32	59	19						
Other Summer	151	907	451	189	238	155						
<u>FALL VARIETIES:</u>												
Grimes Golden	---	---	---	63	119	77						
Jonathan	---	---	---	32	59	39						
Wealthy	194	1,058	602	47	89	77						
Other Fall	43	605	451	94	149	97						
<u>WINTER VARIETIES:</u>												
Baldwin	367	1,058	2,106	32	59	116						
Ben Davis and Gano	65	756	752	---	---	---						
Black Twig (Paragon)	---	---	---	32	89	19						
Cortland	130	1,360	1,354	---	---	---						
Delicious	86	605	602	205	267	174						
Golden Delicious	---	---	---	94	149	155						
McIntosh	605	3,930	4,063	94	178	213						
Northern Spy	151	756	903	---	---	---						
R. I. Greening	130	1,965	2,106	16	30	19						
Rome Beauty	108	1,058	602	330	653	388						
Stayman	---	---	---	173	624	272						
Winesap	---	---	---	32	59	19						
Yellow Newtown 1/	---	---	---	---	---	---						
York Imperial	---	---	---	16	30	19						
Other Winter	130	1,058	1,053	94	119	77						
TOTAL ALL VARIETIES	2,160	15,116	15,045	1,575	2,970	1,935						

1/ Albemarle Pippin

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COMMERCIAL APPLE PRODUCTION FOR SELECTED STATES AND AREAS,
BY VARIETIES: 1945, 1946, AND 1947

VARIETIES	1945	1946	1947	1945	1946	1947	Thousand bushels	
							TOTAL NORTH ATLANTIC STATES	
<u>SUMMER VARIETIES:</u>								
Gravenstein	---	---	---	68	134	169		
Other Summer	95	171	132	474	1,428	884		
<u>FALL VARIETIES:</u>								
Grimes Golden	119	300	265	182	419	342		
Jonathan	190	685	397	222	744	436		
Wealthy	47	257	198	355	1,648	1,097		
Other Fall	71	214	198	221	1,023	814		
<u>WINTER VARIETIES:</u>								
Baldwin	47	171	331	732	1,966	4,002		
Ben Davis and Gano	36	171	132	108	977	930		
Black Twig (Paragon)	95	300	191	127	389	210		
Cortland	47	171	198	243	1,822	1,914		
Delicious	228	685	397	588	1,833	1,509		
Golden Delicious	190	300	265	290	480	451		
McIntosh	71	257	331	1,490	6,847	7,922		
Northern Spy	20	86	66	228	1,051	1,249		
R. I. Greening	10	10	7	184	2,081	2,262		
Rome Beauty	285	1,114	860	730	2,851	1,878		
Stayman	238	2,399	1,322	416	3,034	1,607		
Winesap	47	86	66	79	145	85		
Yellow Newtown 1/	---	---	---	---	---	---		
York Imperial	475	1,028	1,124	491	1,058	1,143		
Other Winter	64	163	132	350	1,611	1,579		
TOTAL ALL VARIETIES	2,375	8,568	6,612	7,578	31,541	30,483		

	VIRGINIA			WEST VIRGINIA		
	1945	1946	1947	1945	1946	1947
<u>SUMMER VARIETIES:</u>						
Gravenstein	---	---	---	---	---	---
Other Summer	76	389	150	78	205	85
<u>FALL VARIETIES:</u>						
Grimes Golden	190	519	326	160	455	310
Jonathan	76	389	125	78	205	141
Wealthy	---	---	---	---	---	---
Other Fall	190	519	275	80	205	141
<u>WINTER VARIETIES:</u>						
Baldwin	---	---	---	---	---	---
Ben Davis and Gano	114	519	251	105	150	121
Black Twig (Paragon)	76	519	150	39	150	56
Cortland	---	---	---	---	---	---
Delicious	266	1,427	451	195	405	254
Golden Delicious	190	389	291	100	205	85
McIntosh	---	---	---	---	---	---
Northern Spy	---	---	---	---	---	---
R. I. Greening	---	---	---	---	---	---
Rome Beauty	38	130	50	100	355	225
Stayman	342	1,687	511	98	710	225
Winesap	380	2,076	676	58	100	65
Yellow Newtown 1/	152	519	276	---	---	---
York Imperial	1,520	3,633	1,353	840	1,775	1,027
Other Winter	190	260	125	67	155	85
TOTAL ALL VARIETIES	3,800	12,975	5,010	1,998	5,075	2,820

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COMMERCIAL APPLE PRODUCTION FOR SELECTED STATES AND AREAS,
BY VARIETIES, 1945, 1946, AND 1947

VARIETIES	1945	1946	1947	1945	1946	1947						
	Thousand bushels			MARYLAND AND DELAWARE								
NORTH CAROLINA												
<u>SUMMER VARIETIES:</u>												
Gravenstein	—	—	—	—	—	—						
Other Summer	2	12	8	142	211	139						
<u>FALL VARIETIES:</u>												
Grimes Golden	2	25	23	80	139	109						
Jonathan	—	12	8	45	85	41						
Wealthy	—	—	—	20	106	51						
Other Fall	4	75	31	24	66	55						
<u>WINTER VARIETIES:</u>												
Baldwin	—	—	—	—	—	—						
Ben Davis and Gano	4	25	15	10	27	19						
Black Twig (Paragon)	6	63	23	40	222	101						
Cortland	—	—	—	—	—	—						
Delicious	44	250	115	85	252	128						
Golden Delicious	11	137	77	65	81	57						
McIntosh	—	—	—	—	—	—						
Northern Spy	—	—	—	—	—	—						
R. I. Greening	—	—	—	—	—	—						
Rome Beauty	14	63	61	63	175	103						
Stayman	29	237	215	114	515	242						
Winesap	10	87	39	7	45	22						
Yellow Newtown 1/	—	—	—	—	—	—						
York Imperial	6	25	15	196	438	310						
Other Winter	62	237	138	69	192	91						
TOTAL ALL VARIETIES	194	1,248	768	960	2,554	1,468						
TOTAL SOUTH ATLANTIC STATES												
<u>OHIO</u>												
<u>SUMMER VARIETIES:</u>												
Gravenstein	—	—	—	—	—	—						
Other Summer	298	817	382	39	118	122						
<u>FALL VARIETIES:</u>												
Grimes Golden	432	1,138	768	78	211	182						
Jonathan	199	691	315	93	305	425						
Wealthy	20	106	51	39	117	122						
Other Fall	298	865	502	16	24	61						
<u>WINTER VARIETIES:</u>												
Baldwin	—	—	—	93	141	577						
Ben Davis and Gano	233	721	406	8	24	30						
Black Twig (Paragon)	161	954	330	—	—	2/ 40						
Cortland	—	—	—	—	—	—						
Delicious	590	2,334	948	47	141	213						
Golden Delicious	366	812	510	47	118	122						
McIntosh	—	—	—	23	94	122						
Northern Spy	—	—	—	8	24	30						
R. I. Greening	—	—	—	8	24	30						
Rome Beauty	215	723	439	164	540	456						
Stayman	583	3,149	1,193	47	211	182						
Winesap	455	2,308	802	—	—	—						
Yellow Newtown 1/	152	519	276	—	—	—						
York Imperial	2,562	5,871	2,705	16	47	30						
Other Winter	388	844	439	54	211	294						
TOTAL ALL VARIETIES	6,952	21,852	10,066	780	2,350	3,038						

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2/ Included in "other winter" in previous years.

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COMMERCIAL APPLE PRODUCTION FOR SELECTED STATES AND AREAS,
BY VARIETIES, 1945, 1946, AND 1947

VARIETIES	1945	1946	1947	1945	1946	1947						
	Thousand bushels											
ILLINOIS												
<u>SUMMER VARIETIES:</u>												
Gravenstein	—	—	—	—	—	—						
Other Summer	280	322	600	48	455	315						
<u>FALL VARIETIES:</u>												
Grimes Golden	210	250	293	68	362	265						
Jonathan	606	858	1,000	225	1,735	1,185						
Wealthy	47	71	87	135	546	400						
Other Fall	23	36	84	39	133	125						
<u>WINTER VARIETIES:</u>												
Baldwin	—	—	—	81	295	525						
Ben Davis and Gano	23	71	84	12	113	120						
Black Twig (Paragon)	—	—	—	—	—	—						
Cortland	—	—	—	—	—	—						
Delicious	117	322	335	12	405	475						
Golden Delicious	350	286	500	50	120	125						
McIntosh	—	—	—	150	1,155	1,050						
Northern Spy	—	—	—	175	812	800						
R. I. Greening	—	—	—	24	217	140						
Rome Beauty	23	71	84	—	—	—						
Stayman	23	36	50	4	80	50						
Winesap	23	107	100	—	—	—						
Yellow Newtown 1/	—	—	—	—	—	—						
York Imperial	—	—	—	—	—	—						
Other Winter	607	1,143	970	227	1,133	1,025						
TOTAL ALL VARIETIES	2,332	3,573	4,187	1,250	7,560	6,600						

	MISSOURI			OTHER CENTRAL STATES		
	1945	1946	1947	1945	1946	1947
<u>SUMMER VARIETIES:</u>						
Gravenstein	—	—	—	—	—	—
Other Summer	62	62	116	265	350	421
<u>FALL VARIETIES:</u>						
Grimes Golden	71	49	117	185	287	335
Jonathan	255	418	436	410	815	898
Wealthy	18	12	34	149	470	364
Other Fall	18	25	31	101	107	207
<u>WINTER VARIETIES:</u>						
Baldwin	—	—	—	7	12	30
Ben Davis and Gano	44	98	116	54	192	242
Black Twig (Paragon)	—	—	—	2	10	18
Cortland	—	—	—	6	70	72
Delicious	62	148	165	222	307	404
Golden Delicious	114	98	202	269	310	518
McIntosh	—	—	—	100	262	230
Northern Spy	—	—	—	2	12	15
R. I. Greening	—	—	—	1	5	5
Rome Beauty	—	—	—	96	193	194
Stayman	26	49	79	166	243	273
Winesap	53	86	106	192	233	272
Yellow Newtown 1/	—	—	—	—	—	—
York Imperial	62	62	70	89	87	92
Other Winter	97	123	158	162	309	349
TOTAL ALL VARIETIES	882	1,230	1,630	2,478	4,274	4,939

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COMMERCIAL APPLE PRODUCTION FOR SELECTED STATES AND AREAS,
BY VARIETIES, 1945, 1946, AND 1947

VARIETIES	1945	1946	1947	1945	1946	1947			
	TOTAL CENTRAL STATES			Thousand bushels					
						IDAHO			
<u>SUMMER VARIETIES:</u>									
Gravenstein	---	---	---	---	---	---			
Other Summer	694	1,307	1,574	23	12	23			
<u>FALL VARIETIES:</u>									
Grimes Golden	612	1,159	1,192	23	12	23			
Jonathan	1,589	4,131	3,944	575	260	569			
Wealthy	388	1,216	1,007	---	---	---			
Other Fall	197	324	508	23	6	11			
<u>WINTER VARIETIES:</u>									
Baldwin	181	448	1,132	---	---	---			
Ben Davis and Gano	141	498	592	23	6	10			
Black Twig (Paragon)	2	10	18	---	---	---			
Cortland	6	70	112	---	---	---			
Delicious	460	1,323	1,592	712	420	572			
Golden Delicious	830	932	1,467	23	6	11			
McIntosh	273	1,511	1,402	---	---	---			
Northern Spy	185	848	845	---	---	---			
R. I. Greening	33	246	175	---	---	---			
Rome Beauty	283	804	734	644	388	770			
Stayman	266	619	634	23	6	23			
Winesap	268	426	478	115	80	136			
Yellow Newtown 1/	---	---	---	---	---	---			
York Imperial	167	196	192	---	---	---			
Other Winter	1,147	2,919	2,796	115	37	127			
TOTAL ALL VARIETIES	7,722	18,987	20,394	2,299	1,233	2,275			

	COLORADO			WASHINGTON		
	1945	1946	1947	1945	1946	1947
<u>SUMMER VARIETIES:</u>						
Gravenstein	---	---	---	---	---	---
Other Summer	76	22	30	27	33	34
<u>FALL VARIETIES:</u>						
Grimes Golden	64	33	40	---	---	---
Jonathan	434	418	500	1,247	2,126	1,975
Wealthy	13	11	16	---	---	---
Other Fall	13	11	20	53	65	67
<u>WINTER VARIETIES:</u>						
Baldwin	---	---	---	---	---	---
Ben Davis and Gano	127	44	227	---	---	---
Black Twig (Paragon)	---	---	---	---	---	---
Cortland	---	---	---	---	---	---
Delicious	229	121	220	13,026	17,009	17,912
Golden Delicious	---	---	---	451	785	603
McIntosh	---	---	---	53	65	67
Northern Spy	---	---	---	---	---	---
R. I. Greening	---	---	---	---	---	---
Rome Beauty	166	198	235	1,539	2,028	1,908
Stayman	---	---	---	318	327	435
Winesap	115	198	220	9,339	9,519	9,810
Yellow Newtown 1/	---	---	---	239	491	368
York Imperial	---	---	---	---	---	---
Other Winter	38	44	60	238	262	301
TOTAL ALL VARIETIES	1,275	1,100	1,568	26,530	32,710	33,480

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COMMERCIAL APPLE PRODUCTION FOR SELECTED STATES AND AREAS,
BY VARIETIES, 1945, 1946, and 1947

VARIETIES	1945	1946	1947	1945	1946	1947			
	Thousand bushels								
<u>SUMMER VARIETIES:</u>									
Gravenstein	37	75	43	3,487	2,677	4,104			
Other Summer	4	8	7	106	76	100			
<u>FALL VARIETIES:</u>									
Grimes Golden	---	---	---	---	---	---			
Jonathan	62	61	71	317	230	300			
Wealthy	---	---	---	---	---	---			
Other Fall	14	15	15	845	688	600			
<u>WINTER VARIETIES:</u>									
Baldwin	---	---	---	---	---	---			
Ben Davis and Gano	---	---	---	---	---	---			
Black Twig (Paragon)	---	---	---	---	---	---			
Cortland	---	---	---	---	---	---			
Delicious	760	763	803	634	459	602			
Golden Delicious	---	---	---	---	---	---			
McIntosh	---	---	---	---	---	---			
Northern Spy	---	---	---	---	---	---			
R. I. Greening	---	---	---	---	---	---			
Rome Beauty	94	80	85	528	382	500			
Stayman	---	---	---	---	---	---			
Winesap	42	49	40	106	153	200			
Yellow Newtown 1/	1,208	1,398	1,312	3,171	1,912	2,503			
York Imperial	---	---	---	---	---	---			
Other Winter	424	521	488	1,374	1,071	1,101			
TOTAL ALL VARIETIES	2,645	2,970	2,864	10,568	7,648	10,010			

	OTHER WESTERN STATES			TOTAL WESTERN STATES		
	1945	1946	1947	1945	1946	1947
<u>SUMMER VARIETIES:</u>						
Gravenstein	---	---	---	3,524	2,752	4,147
Other Summer	17	25	23	253	176	217
<u>FALL VARIETIES:</u>						
Grimes Golden	10	29	12	97	74	75
Jonathan	230	262	297	2,865	3,357	3,712
Wealthy	10	10	9	23	21	25
Other Fall	12	36	19	960	821	732
<u>WINTER VARIETIES:</u>						
Baldwin	---	---	---	---	---	---
Ben Davis and Gano	47	82	87	197	132	324
Black Twig (Paragon)	45	48	19	45	48	19
Cortland	---	---	---	---	---	---
Delicious	241	300	260	15,602	19,072	20,369
Golden Delicious	---	---	---	474	791	614
McIntosh	208	19	205	261	84	272
Northern Spy	---	---	---	---	---	---
R. I. Greening	---	---	---	---	---	---
Rome Beauty	223	234	185	3,194	3,310	3,683
Stayman	40	48	56	381	381	514
Winesap	65	124	97	9,782	10,123	10,503
Yellow Newtown 1/	---	---	---	4,618	3,801	4,183
York Imperial	10	19	6	10	19	6
Other Winter	69	133	88	2,258	2,068	2,165
TOTAL ALL VARIETIES	1,227	1,369	1,363	44,544	47,030	51,560

1/ Albemarle Pippin

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The preceding tables show commercial production of apples, by varieties, for the principal producing States. This arrangement of data was made to facilitate comparisons between varieties for each State.

In the following tables, the same data are presented for each principal variety by States and regions. The arrangement is shown in this form to facilitate comparisons between States and regions for the varieties listed.

COMMERCIAL APPLE PRODUCTION BY VARIETIES, FOR SELECTED STATES AND AREAS
1945, 1946 AND 1947

AREA AND STATES	1945	1946	1947
	<u>Thousand bushels</u>		
	<u>TOTAL ALL VARIETIES</u>		
NORTH ATLANTIC STATES:			
New England	1,468	4,887	6,891
New York	2,160	15,116	15,045
New Jersey	1,575	2,970	1,935
Pennsylvania	2,375	8,568	6,612
TOTAL NORTH ATLANTIC	7,578	31,541	30,483
SOUTH ATLANTIC STATES:			
Virginia	3,800	12,975	5,010
West Virginia	1,998	5,075	2,820
North Carolina	194	1,248	768
Maryland-Delaware	960	2,554	1,468
TOTAL SOUTH ATLANTIC	6,952	21,852	10,066
CENTRAL STATES:			
Ohio	780	2,350	3,038
Illinois	2,332	3,573	4,187
Michigan	1,250	7,560	6,600
Missouri	882	1,230	1,630
Other States 1/	2,478	4,274	4,939
TOTAL CENTRAL	7,722	18,987	20,394
WESTERN STATES:			
Idaho	2,299	1,233	2,275
Colorado	1,275	1,100	1,568
Washington	26,530	32,710	33,480
Oregon	2,645	2,970	2,864
California	10,568	7,648	10,010
Other States 2/	1,327	1,369	1,363
TOTAL WESTERN	44,544	47,030	51,560
TOTAL 35 STATES	66,796	119,410	112,503

1/ Includes Indiana, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee and Arkansas.

2/ Includes Montana, New Mexico and Utah.

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COMMERCIAL APPLE PRODUCTION BY VARIETIES, FOR SELECTED STATES AND AREAS
1945, 1946, 1947

AREA AND STATE	1945	1946	1947	1945	1946	1947
	Thousand bushels					
	SUMMER VARIETIES					
<u>NORTH ATLANTIC STATES:</u>				<u>GRAVENSTEIN</u>	<u>OTHER SUMMER VARIETIES</u>	
New England	36	75	150	39	112	146
New York				151	907	451
New Jersey	32	59	19	189	238	155
Pennsylvania				95	171	132
<u>TOTAL NORTH ATLANTIC</u>	<u>68</u>	<u>134</u>	<u>169</u>	<u>474</u>	<u>1,428</u>	<u>884</u>
<u>SOUTH ATLANTIC STATES:</u>						
Virginia	—	—	—	76	389	150
West Virginia				78	205	85
North Carolina	—	—	—	2	12	8
Maryland-Delaware	—	—	—	142	211	139
<u>TOTAL SOUTH ATLANTIC</u>				<u>298</u>	<u>817</u>	<u>382</u>
<u>CENTRAL STATES:</u>						
Ohio	—	—	—	39	118	122
Illinois	—	—	—	280	322	600
Michigan	—	—	—	48	455	315
Missouri	—	—	—	62	62	116
Other States 1/	—	—	—	265	350	421
<u>TOTAL CENTRAL</u>				<u>694</u>	<u>1,307</u>	<u>1,574</u>
<u>WESTERN STATES:</u>						
Idaho	—	—	—	23	12	23
Colorado	—	—	—	76	22	30
Washington	—	—	—	27	33	34
Oregon	37	75	43	4	8	7
California	3,487	2,677	4,104	106	76	100
Other States 2/	—	—	—	17	25	23
<u>TOTAL WESTERN</u>	<u>3,524</u>	<u>2,752</u>	<u>4,147</u>	<u>253</u>	<u>176</u>	<u>217</u>
<u>TOTAL 35 STATES</u>	<u>3,592</u>	<u>2,886</u>	<u>4,316</u>	<u>1,719</u>	<u>3,728</u>	<u>3,057</u>
					<u>FALL VARIETIES</u>	
					<u>GRIMES GOLDEN</u>	
<u>NORTH ATLANTIC STATES:</u>				<u>TOTAL SUMMER VARIETIES</u>		
New England	75	187	296	—	—	—
New York	151	907	451	—	—	—
New Jersey	221	297	174	63	119	77
Pennsylvania	95	171	132	119	300	265
<u>TOTAL NORTH ATLANTIC</u>	<u>542</u>	<u>1,562</u>	<u>1,053</u>	<u>182</u>	<u>419</u>	<u>342</u>
<u>SOUTH ATLANTIC STATES:</u>						
Virginia	76	389	150	190	519	326
West Virginia	78	205	85	160	455	310
North Carolina	2	12	8	2	25	23
Maryland-Delaware	142	211	139	80	139	109
<u>TOTAL SOUTH ATLANTIC</u>	<u>298</u>	<u>817</u>	<u>382</u>	<u>432</u>	<u>1,138</u>	<u>768</u>
<u>CENTRAL STATES:</u>						
Ohio	39	118	122	78	211	182
Illinois	280	322	600	210	250	293
Michigan	48	455	315	68	362	265
Missouri	62	62	116	71	49	117
Other States 1/	265	350	421	185	287	335
<u>TOTAL CENTRAL</u>	<u>694</u>	<u>1,307</u>	<u>1,574</u>	<u>612</u>	<u>1,159</u>	<u>1,192</u>
<u>WESTERN STATES:</u>						
Idaho	23	12	23	23	12	23
Colorado	76	22	30	64	33	40
Washington	27	33	34	—	—	—
Oregon	41	83	50	—	—	—
California	3,593	2,753	4,204	—	—	—
Other States 2/	17	25	23	10	29	12
<u>TOTAL WESTERN</u>	<u>3,777</u>	<u>2,928</u>	<u>4,364</u>	<u>97</u>	<u>74</u>	<u>75</u>
<u>TOTAL 35 STATES</u>	<u>5,311</u>	<u>6,614</u>	<u>7,373</u>	<u>1,323</u>	<u>2,790</u>	<u>2,377</u>

1/ Includes Indiana, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee and Arkansas.

2/ Includes Montana, New Mexico and Utah.

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1945, 1946, AND 1947

AREA AND STATE	1945	1946	1947	1945	1946	1947
Thousand bushels						
FALL VARIETIES CONTINUED						
				JONATHAN	WEALTHY	
<u>NORTH ATLANTIC STATES:</u>						
New England	---	---	---	67	244	220
New York	---	---	---	194	1,058	602
New Jersey	32	59	39	47	89	77
Pennsylvania	190	685	397	47	257	198
<u>TOTAL NORTH ATLANTIC</u>	<u>222</u>	<u>744</u>	<u>436</u>	<u>355</u>	<u>1,648</u>	<u>1,097</u>
<u>SOUTH ATLANTIC STATES:</u>						
Virginia	76	389	125	---	---	---
West Virginia	78	205	141	---	---	---
North Carolina	---	12	8	---	---	---
Maryland and Delaware	45	85	41	20	106	51
<u>TOTAL SOUTH ATLANTIC</u>	<u>199</u>	<u>591</u>	<u>315</u>	<u>20</u>	<u>106</u>	<u>51</u>
<u>CENTRAL STATES:</u>						
Ohio	93	305	425	39	117	122
Illinois	606	858	1,000	47	71	87
Michigan	225	1,735	1,185	135	546	400
Missouri	255	418	436	18	12	34
Other States 1/	410	815	898	149	470	364
<u>TOTAL CENTRAL</u>	<u>1,589</u>	<u>4,131</u>	<u>3,944</u>	<u>388</u>	<u>1,216</u>	<u>1,007</u>
<u>WESTERN STATES:</u>						
Idaho	575	260	569	---	---	---
Colorado	434	418	500	13	11	16
Washington	1,247	2,126	1,975	---	---	---
Oregon	62	61	71	---	---	---
California	317	230	300	---	---	---
Other States 2/	230	262	297	10	10	9
<u>TOTAL WESTERN</u>	<u>2,865</u>	<u>3,357</u>	<u>3,712</u>	<u>23</u>	<u>21</u>	<u>25</u>
<u>TOTAL 35 STATES</u>	<u>4,875</u>	<u>8,923</u>	<u>8,407</u>	<u>786</u>	<u>2,991</u>	<u>2,180</u>
				OTHER FALL VARIETIES	TOTAL FALL VARIETIES	
<u>NORTH ATLANTIC STATES:</u>						
New England	13	55	68	80	299	288
New York	43	605	451	237	1,663	1,053
New Jersey	94	149	97	236	416	290
Pennsylvania	71	214	198	427	1,456	1,058
<u>TOTAL NORTH ATLANTIC</u>	<u>221</u>	<u>1,023</u>	<u>814</u>	<u>980</u>	<u>3,834</u>	<u>2,689</u>
<u>SOUTH ATLANTIC STATES:</u>						
Virginia	190	519	275	456	1,427	726
West Virginia	80	205	141	318	865	592
North Carolina	4	75	31	6	112	62
Maryland-Delaware	24	66	55	169	396	256
<u>TOTAL SOUTH ATLANTIC</u>	<u>298</u>	<u>865</u>	<u>502</u>	<u>949</u>	<u>2,800</u>	<u>1,636</u>
<u>CENTRAL STATES:</u>						
Ohio	16	24	61	226	657	790
Illinois	23	36	84	886	1,215	1,464
Michigan	39	132	125	467	2,775	1,975
Missouri	18	25	31	362	504	618
Other States 1/	101	107	207	845	1,679	1,804
<u>TOTAL CENTRAL</u>	<u>197</u>	<u>324</u>	<u>508</u>	<u>2,786</u>	<u>6,830</u>	<u>6,651</u>
<u>WESTERN STATES:</u>						
Idaho	23	6	11	621	278	603
Colorado	13	11	20	524	473	576
Washington	53	65	67	1,300	2,191	2,042
Oregon	14	15	15	76	76	86
California	845	688	600	1,162	918	900
Other States 2/	12	36	19	262	337	337
<u>TOTAL WESTERN</u>	<u>960</u>	<u>821</u>	<u>732</u>	<u>3,945</u>	<u>4,273</u>	<u>4,544</u>
<u>TOTAL 35 STATES</u>	<u>1,676</u>	<u>3,033</u>	<u>2,556</u>	<u>8,660</u>	<u>17,737</u>	<u>15,520</u>

1/ Includes Indiana, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee, and Arkansas.
2/ Includes Montana, New Mexico, and Utah.

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COMMERCIAL APPLE PRODUCTION BY VARIETIES, FOR SELECTED STATES AND AREAS,
1945, 1946, AND 1947

AREA AND STATE	1945	1946	1947	1945	1946	1947
THOUSAND BUSHELS						
WINTER VARIETIES						
BALDWIN						
NORTH ATLANTIC STATES:						
New England	286	678	1,449	7	50	46
New York	367	1,058	2,106	65	756	752
New Jersey	32	59	116	—	—	—
Pennsylvania	47	171	331	36	171	132
TOTAL NORTH ATLANTIC	732	1,966	4,002	108	977	930
SOUTH ATLANTIC STATES:						
Virginia	—	—	—	114	519	251
West Virginia	—	—	—	105	150	121
North Carolina	—	—	—	4	25	15
Maryland-Delaware	—	—	—	10	27	19
TOTAL SOUTH ATLANTIC	—	—	—	233	721	406
CENTRAL STATES:						
Ohio	93	141	577	8	24	30
Illinois	—	—	—	23	71	84
Michigan	81	295	525	12	113	120
Missouri	—	—	—	44	98	116
Other States 1/	7	12	30	54	192	242
TOTAL CENTRAL	181	448	1,132	141	498	592
WESTERN STATES:						
Idaho	—	—	—	23	6	10
Colorado	—	—	—	127	44	227
Washington	—	—	—	—	—	—
Oregon	—	—	—	—	—	—
California	—	—	—	—	—	—
Other States 2/	—	—	—	47	82	87
TOTAL WESTERN	—	—	—	197	132	324
TOTAL 35 STATES	913	2,414	5,134	679	2,328	2,252
BLACK TWIG (PARAGON)						
NORTH ATLANTIC STATES:						
New England	—	—	—	66	291	362
New York	—	—	—	130	1,360	1,354
New Jersey	32	89	19	—	—	—
Pennsylvania	95	300	191	47	171	198
TOTAL NORTH ATLANTIC	127	389	210	243	1,822	1,914
SOUTH ATLANTIC STATES:						
Virginia	76	519	150	—	—	—
West Virginia	39	150	56	—	—	—
North Carolina	6	63	23	—	—	—
Maryland-Delaware	40	222	101	—	—	—
TOTAL SOUTH ATLANTIC	161	954	330	—	—	—
CENTRAL STATES:						
Ohio	—	—	—	—	—	3/ 40
Illinois	—	—	—	—	—	—
Michigan	—	—	—	—	—	—
Missouri	—	—	—	—	—	—
Other States 1/	2	10	18	6	70	72
TOTAL CENTRAL	2	10	18	6	70	112
WESTERN STATES:						
Idaho	—	—	—	—	—	—
Colorado	—	—	—	—	—	—
Washington	—	—	—	—	—	—
Oregon	—	—	—	—	—	—
California	—	—	—	—	—	—
Other States 2/	45	48	19	—	—	—
TOTAL WESTERN	45	48	19	—	—	—
TOTAL 35 STATES	335	1,401	577	249	1,892	2,026

1/ Includes Indiana, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee and Arkansas.

2/ Includes Montana, New Mexico, and Utah.
3/ Included "other winter" in previous year

3) Included "other winter" in previous years.

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1945 1946, AND 1947

AREA AND STATE	1945	1946	1947	1945	1946	1947
Thousand bushels						
WINTER VARIETIES - Continued						
<u>NORTH ATLANTIC STATES:</u>						
New England	69	276	336	6	31	31
New York	86	605	602	—	—	—
New Jersey	205	267	174	94	149	155
Pennsylvania	228	685	397	190	300	265
<u>TOTAL NORTH ATLANTIC</u>	<u>588</u>	<u>1,833</u>	<u>1,509</u>	<u>290</u>	<u>480</u>	<u>451</u>
<u>SOUTH ATLANTIC STATES:</u>						
Virginia	266	1,427	451	190	389	291
West Virginia	195	405	254	100	205	85
North Carolina	44	250	115	11	137	77
Maryland-Delaware	85	252	128	65	81	57
<u>TOTAL SOUTH ATLANTIC</u>	<u>590</u>	<u>2,334</u>	<u>948</u>	<u>366</u>	<u>812</u>	<u>510</u>
<u>CENTRAL STATES:</u>						
Ohio	47	141	213	47	118	122
Illinois	117	322	335	350	286	500
Michigan	12	405	475	50	120	125
Missouri	62	148	165	114	98	202
Other States 1/	222	307	404	269	310	518
<u>TOTAL CENTRAL</u>	<u>460</u>	<u>1,323</u>	<u>1,592</u>	<u>830</u>	<u>932</u>	<u>1,467</u>
<u>WESTERN STATES:</u>						
Idaho	712	420	572	23	6	11
Colorado	229	121	220	—	—	—
Washington	13,026	17,009	17,912	451	785	603
Oregon	760	763	803	—	—	—
California	634	459	602	—	—	—
Other States 2/	241	300	260	—	—	—
<u>TOTAL WESTERN</u>	<u>15,602</u>	<u>19,072</u>	<u>20,369</u>	<u>474</u>	<u>791</u>	<u>614</u>
<u>TOTAL 35 STATES</u>	<u>17,240</u>	<u>24,562</u>	<u>24,418</u>	<u>1,960</u>	<u>3,015</u>	<u>3,042</u>
McINTOSH						
<u>NORTH ATLANTIC STATES:</u>						
New England	720	2,482	3,315	57	209	280
New York	605	3,930	4,063	151	756	903
New Jersey	94	178	213	—	—	—
Pennsylvania	71	257	331	20	86	66
<u>TOTAL NORTH ATLANTIC</u>	<u>1,490</u>	<u>6,847</u>	<u>7,922</u>	<u>228</u>	<u>1,051</u>	<u>1,249</u>
<u>SOUTH ATLANTIC STATES:</u>						
Virginia	—	—	—	—	—	—
West Virginia	—	—	—	—	—	—
North Carolina	—	—	—	—	—	—
Maryland-Delaware	—	—	—	—	—	—
<u>TOTAL SOUTH ATLANTIC</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>CENTRAL STATES:</u>						
Ohio	23	94	122	8	24	30
Illinois	—	—	—	—	—	—
Michigan	150	1,155	1,050	175	812	800
Missouri	—	—	—	—	—	—
Other States 1/	100	262	230	2	12	15
<u>TOTAL CENTRAL</u>	<u>273</u>	<u>1,511</u>	<u>1,402</u>	<u>185</u>	<u>848</u>	<u>845</u>
<u>WESTERN STATES:</u>						
Idaho	—	—	—	—	—	—
Colorado	—	—	—	—	—	—
Washington	53	65	67	—	—	—
Oregon	—	—	—	—	—	—
California	—	—	—	—	—	—
Other States 2/	208	19	205	—	—	—
<u>TOTAL WESTERN</u>	<u>261</u>	<u>84</u>	<u>272</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>TOTAL 35 STATES</u>	<u>2,024</u>	<u>8,442</u>	<u>9,596</u>	<u>413</u>	<u>1,899</u>	<u>2,094</u>

1/ Includes Indiana, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee and Arkansas.
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COMMERCIAL APPLE PRODUCTION BY VARIETIES, FOR SELECTED STATES AND AREAS?
1945, 1946 AND 1947

AREA AND STATE	1945	1946	1947	1945	1946	1947
Thousand bushels						
<u>WINTER VARIETIES - Continued</u>						
<u>NORTH ATLANTIC STATES:</u>		<u>R. I. GREENING</u>			<u>ROME BEAUTY</u>	
New England	28	76	130	7	26	28
New York	130	1,965	2,106	108	1,058	602
New Jersey	16	30	19	330	653	388
Pennsylvania	10	10	7	285	1,114	860
<u>TOTAL NORTH ATLANTIC</u>	<u>184</u>	<u>2,081</u>	<u>2,262</u>	<u>730</u>	<u>2,851</u>	<u>1,878</u>
<u>SOUTH ATLANTIC STATES:</u>						
Virginia	—	—	—	38	130	50
West Virginia	—	—	—	100	355	225
North Carolina	—	—	—	14	63	61
Maryland-Delaware	—	—	—	63	175	103
<u>TOTAL SOUTH ATLANTIC</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>215</u>	<u>723</u>	<u>439</u>
<u>CENTRAL STATES:</u>						
Ohio	8	24	30	164	540	456
Illinois	—	—	—	23	71	84
Michigan	24	217	140	—	—	—
Missouri	—	—	—	—	—	—
Other States 1/	1	5	5	96	193	194
<u>TOTAL CENTRAL</u>	<u>33</u>	<u>246</u>	<u>175</u>	<u>283</u>	<u>804</u>	<u>734</u>
<u>WESTERN STATES:</u>						
Idaho	—	—	—	644	388	770
Colorado	—	—	—	166	198	235
Washington	—	—	—	1,539	2,028	1,908
Oregon	—	—	—	94	80	85
California	—	—	—	528	382	500
Other States 2/	—	—	—	223	234	185
<u>TOTAL WESTERN</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>3,194</u>	<u>3,310</u>	<u>3,683</u>
<u>TOTAL 35 STATES</u>	<u>217</u>	<u>2,327</u>	<u>2,437</u>	<u>4,423</u>	<u>7,688</u>	<u>6,734</u>

		<u>STAYMAN</u>		<u>WINE SAW</u>		
<u>NORTH ATLANTIC STATES:</u>						
<u>SOUTH ATLANTIC STATES:</u>						
New England	5	11	13	—	—	—
New York	—	—	—	—	—	—
New Jersey	173	624	272	32	59	19
Pennsylvania	238	2,399	1,322	47	86	66
<u>TOTAL NORTH ATLANTIC</u>	<u>416</u>	<u>3,034</u>	<u>1,607</u>	<u>79</u>	<u>145</u>	<u>85</u>
<u>CENTRAL STATES:</u>						
Ohio	47	211	182	—	—	—
Illinois	23	36	50	23	107	100
Michigan	4	80	50	—	—	—
Missouri	26	49	79	53	86	106
Other States 1/	166	243	273	192	233	272
<u>TOTAL CENTRAL</u>	<u>266</u>	<u>619</u>	<u>634</u>	<u>268</u>	<u>426</u>	<u>478</u>
<u>WESTERN STATES:</u>						
Idaho	23	6	23	115	80	136
Colorado	—	—	—	115	198	220
Washington	318	327	435	9,339	9,519	9,810
Oregon	—	—	—	42	49	40
California	—	—	—	106	153	200
Other States 2/	40	48	56	65	124	97
<u>TOTAL WESTERN</u>	<u>381</u>	<u>381</u>	<u>514</u>	<u>9,782</u>	<u>10,123</u>	<u>10,503</u>
<u>TOTAL 35 STATES</u>	<u>1,646</u>	<u>7,183</u>	<u>3,948</u>	<u>10,584</u>	<u>13,002</u>	<u>11,868</u>

1/ Includes Indiana, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee and Arkansas.

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1945, 1946, AND 1947

AREA AND STATE	1945	1946	1947	1945	1946	1947
Thousand bushels						
WINTER VARIETIES - Continued						
<u>NORTH ATLANTIC STATES:</u>	<u>YELLOW NEWTOWN (ALBEMARLE PIPPIN)</u>				<u>YORK IMPERIAL</u>	
New England	—	—	—	—	—	—
New York	—	—	—	—	—	—
New Jersey	—	—	—	16	30	19
Pennsylvania	—	—	—	475	1,028	1,124
<u>TOTAL NORTH ATLANTIC</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>491</u>	<u>1,058</u>	<u>1,143</u>
<u>SOUTH ATLANTIC STATES:</u>	<u>—</u>				<u>—</u>	
Virginia	152	519	276	1,520	3,633	1,353
West Virginia	—	—	—	840	1,775	1,027
North Carolina	—	—	—	6	25	15
Maryland-Delaware	—	—	—	196	438	310
<u>TOTAL SOUTH ATLANTIC</u>	<u>152</u>	<u>519</u>	<u>276</u>	<u>2,562</u>	<u>5,871</u>	<u>2,705</u>
<u>CENTRAL STATES:</u>	<u>—</u>				<u>—</u>	
Ohio	—	—	—	16	47	30
Illinois	—	—	—	—	—	—
Michigan	—	—	—	—	—	—
Missouri	—	—	—	62	62	70
Other States 1/	—	—	—	89	87	92
<u>TOTAL CENTRAL</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>167</u>	<u>196</u>	<u>192</u>
<u>WESTERN STATES:</u>	<u>—</u>				<u>—</u>	
Idaho	—	—	—	—	—	—
Colorado	—	—	—	—	—	—
Washington	239	491	368	—	—	—
Oregon	1,208	1,398	1,312	—	—	—
California	3,171	1,912	2,503	—	—	—
Other States 2/	—	—	—	10	19	6
<u>TOTAL WESTERN</u>	<u>4,618</u>	<u>3,801</u>	<u>4,183</u>	<u>10</u>	<u>19</u>	<u>6</u>
<u>TOTAL 35 STATES</u>	<u>4,770</u>	<u>4,320</u>	<u>4,459</u>	<u>3,230</u>	<u>7,144</u>	<u>4,046</u>
	<u>OTHER WINTER VARIETIES</u>				<u>TOTAL WINTER VARIETIES</u>	
<u>NORTH ATLANTIC STATES:</u>	<u>—</u>				<u>—</u>	
New England	62	271	317	1,313	4,401	6,307
New York	130	1,058	1,053	1,772	12,546	13,541
New Jersey	94	119	77	1,118	2,257	1,471
Pennsylvania	64	163	132	1,853	6,941	5,422
<u>TOTAL NORTH ATLANTIC</u>	<u>350</u>	<u>1,611</u>	<u>1,579</u>	<u>6,056</u>	<u>26,145</u>	<u>26,741</u>
<u>SOUTH ATLANTIC STATES:</u>	<u>—</u>				<u>—</u>	
Virginia	190	260	125	3,268	11,159	4,134
West Virginia	67	155	85	1,602	4,005	2,143
North Carolina	62	237	138	186	1,124	698
Maryland-Delaware	69	192	91	649	1,947	1,073
<u>TOTAL SOUTH ATLANTIC</u>	<u>388</u>	<u>844</u>	<u>439</u>	<u>5,705</u>	<u>18,235</u>	<u>8,048</u>
<u>CENTRAL STATES:</u>	<u>—</u>				<u>—</u>	
Ohio	54	211	294	515	1,575	2,126
Illinois	607	1,143	970	1,166	2,036	2,123
Michigan	227	1,133	1,025	735	4,330	4,310
Missouri	97	123	158	458	664	896
Other States 1/	162	309	349	1,368	2,245	2,714
<u>TOTAL CENTRAL</u>	<u>1,147</u>	<u>2,919</u>	<u>2,796</u>	<u>4,242</u>	<u>10,850</u>	<u>12,169</u>
<u>WESTERN STATES:</u>	<u>—</u>				<u>—</u>	
Idaho	115	37	127	1,655	943	1,649
Colorado	38	44	60	675	605	962
Washington	238	262	301	25,203	30,486	31,404
Oregon	424	521	488	2,528	2,811	2,728
California	1,374	1,071	1,101	5,813	3,977	4,906
Other States 2/	69	133	88	948	1,007	1,003
<u>TOTAL CENTRAL</u>	<u>2,258</u>	<u>2,068</u>	<u>2,165</u>	<u>36,822</u>	<u>39,829</u>	<u>42,652</u>
<u>TOTAL 35 STATES</u>	<u>4,143</u>	<u>7,442</u>	<u>6,979</u>	<u>52,825</u>	<u>95,059</u>	<u>89,610</u>

1/ Includes, Wisconsin, Minnesota, Iowa, Nebraska, Kansas, Kentucky, Tennessee, Arkansas and Indian.

2/ Includes Montana, New Mexico and Utah.

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